



PATENT APPLICATION  
ATTORNEY DOCKET NO. 21063.PROV.PCT.US

IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT:

EXAMINER:

APPLICANT: David Jensen

SERIAL NO.: 10 | 526,649

FILED: 3/3/2005

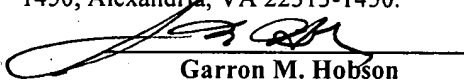
CONFRM. NO.:

FOR: THREE DIMENSIONAL GRID PANEL

**CERTIFICATE OF MAILING  
UNDER 37 C.F.R. § 1.8**

DATE OF DEPOSIT: Aug 13, 2005

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Garron M. Hobson

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

☒ 37 C.F.R. § 1.97 (b)(1) or (3), within three months of the filing date of the application, or before a first office action on the merits, whichever occurs last;

☐ 37 C.F.R. § 1.97 (c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by either 1) a statement in accordance with 37 C.F.R. § 1.97(e), or 2) the fee set forth in § 1.17(p); or

☐ 37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance, whichever occurs first, but on or before payment of the issue fee, and is accompanied by both 1) a statement in accordance with 37 C.F.R. § 1.97(e), and 2) the fee set forth in § 1.17(p).

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

☐ A legible copy of each listed U.S. Patent or publication (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is enclosed pursuant to 37 C.F.R. §§ 1.97 and 1.98.

☒ A legible copy of each of the listed non-patent literature and foreign documents or their relevant portions is enclosed.

☒ Copies of cited U.S. patents and/or publications are NOT enclosed pursuant to the Official Gazette Notice, dated Aug. 5, 2003, waiving the requirement of 37 C.F.R. § 1.98(a)(2)(i).

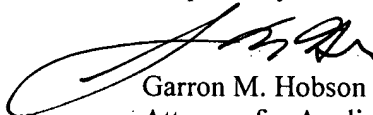
☐ Copies of the references listed in the accompanying Form PTO-1449 are NOT enclosed because, under 37 C.F.R. § 1.98(d), they were previously cited by or submitted to the Office in application number \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100.

Dated this 12 day of August, 2005.

Respectfully submitted,



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GMH/skp  
Enclosure

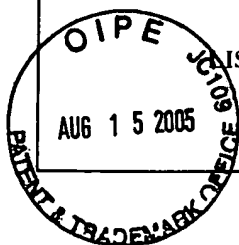
PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
21063.PROV.PCT.USSERIAL NO.  
105210,1049

APPLICANT David Jensen

FILING DATE  
03/03/05GROUP  
\_\_\_\_\_

## LIST OF PRIOR ART CITED BY APPLICANT



## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	31,777	03/26/1861	E. S. Boynton.			
	A2	1,465,307	08/21/1923	R. C. Keogan,			
	A3	1,613,788	01/11/27	Dawson et al.			
	A4	1,798,064	03/24/1931	A.E.L. Chorlton, et al.			
	A5	1,922,269	08/15/1933	T.H. Wickwire, Jr.			
	A6	3,062,336	11/06/1962	B. L. Baxter.			
	A7	3,496,687	02/24/1970	H. S. Greenberg, et al.			
	A8	3,501,880	03/24/1970	L. R. Bosch			
	A9	3,705,473	12/12/72	Yeffal-rueda			
	A10	3,798,864	03/26/1974	Georgii			
	A11	3,798,864	03/1974	Georgii			
	A12	3,800,414	04/02/1974	Shattes, et al.			
	A13	3,970,116	07/20/1976	Takada, deceased et al.			
	A14	4,077,828	03/07/1978	Strom			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A15	6215695	04/08/87	Japan			
	A16	FR1377290	09/28/64	France			
	A17	GB1251343	10/27/71	Great Britain			

## OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	A18	Fiber Innovations, Inc. Brochure
	A19	Fiber Innovations, Inc. "Braided Composite Structures"
	A20	Debbie Stover, "Braiding and RTM Succeed in Aircraft Primary Structures", Advanced Composites May/June 1989
	A21	AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference; April 15-17, 1996
EXAMINER		DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF PRIOR ART CITED BY APPLICANT</b>	ATTY. DOCKET NO. 21063.PROV.PCT.US	SERIAL NO. 105261049
	APPLICANT                      David Jensen	
	FILING DATE 03/03/05	GROUP _____

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A22	4,109,038	08/22/1978	Hayashi, et al		
	A23	4,137,354	01/30/1979	Mayes, Jr. et al.		
	A24	4,241,117	12/23/1980	Figge		
	A25	4,253,284	03/03/1981	Bliss		
	A26	4,366,658	01/04/1983	Maistre		
	A27	4,380,483	04/19/1983	Kliger		
	A28	4,475,323	10/9/1984	Schwartzberg, et al.		
	A29	4,686,134	08/11/1987	Ono		
	A30	4,722,162	02/02/1988	Wilensky		
	A31	4,734,146	03/29/1988	Halcomb, et al.		
	A32	4,786,341	11/22/1988	Kobatake, et al.		
	A33	4,803,824	02/14/1989	Coppa		
	A34	4,916,997	04/17/1990	Spain		
	A35	4,986,863	01/22/1991	Denoel, et al.		
	A36	5,003,736	04/02/1991	Okazaki, et al.		
	A37	5,016,516	05/21/1991	Aldrich, et al.		
	A38	5,048,441	09/17/1991	Quigley		
	A39	5,152,326	10/06/1992	Vöhringer		
	A40	5,197,254	03/30/1993	Smith		

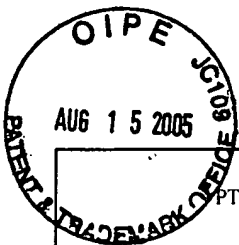
## OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

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	A42	
	A43	

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A44	5,388,538	02/14/1995	Chekroune, et al.			
	A45	5,463,970	11/07/1995	Hartlmeier, et al.			
	A46	5,505,035	04/09/1996	Lalvani			
	A47	5,556,677	09/17/1996	Quigley, et al.			
	A48	5,651,228	07/29/1997	Zeigler			
	A49	5,921,048	07/13/1999	Francom, et al.			
	A50	5,962,150	10/05/99	Priluck			
	A51	6,076,324	06/20/00	Daily et al.			
	A52	6,264,684B1	07/24/2001	Banas, et al.			
	A53						
	A54						
	A55						
	A56						
	A57						
	A58						
	A59						
	A60						
	A61						
	A62						

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	A63	
	A64	
EXAMINER		DATE CONSIDERED
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